

WHAT IS CLAIMED IS:

1. A communications link between a processing device having an infrared port and a second device, comprising:
 - (a) an attachment configuration for attachment to a device;
 - (b) an infrared interface, wherein said infrared interface is mechanically connected to said attachment configuration; and
 - (c) a communications cable, wherein said communications cable is operationally connected to said infrared interface.
2. An infrared communications link comprising:
 - (a) a processing device having an infrared port; and
 - (b) the communications link of claim 1; wherein said attachment configuration is configured for attachment to said processing device and said infrared interface is maintained in optical alignment with said infrared port.
3. The communications link according to claim 1 wherein said attachment configuration is formed as a clip.
4. The communications link according to claim 1 wherein said attachment configuration is formed as a unitary flexible clip having at least two clamping surfaces.

5. The communications link according to claim 1 wherein:
 - (a) said attachment configuration includes an upper clamping portion, a lower clamping portion and a biasing element; and
 - (b) said biasing element is mechanically connected to said upper clamping portion and said lower clamping portion.

6. The communications link according to claim 1 wherein said communications cable includes an optical fiber.

7. The communications link according to claim 1 wherein said communications cable includes an electrically conducting wire.

8. The communications link according to claim 7 further comprising an electrical plug configured for attachment to the second device, wherein said electrical plug is electrically connected to said communications cable.

9. The communications link according to claim 7 wherein said infrared interface includes a power source.

10. A method to link a first device having an infrared port to a second device comprising the steps of:

- (a) providing a communications cable having a first end terminating in an infrared interface; and

(b) attaching said infrared interface to the first device to maintain said infrared interface in optical alignment with said infrared port.

11. The method of claim 10 wherein said step of attaching is performed by using a clip.

12. The method of claim 10 wherein:

- (a) said step of attaching is performed by using an attachment configuration that includes an upper clamping portion, a lower clamping portion and a biasing element; and
- (b) said biasing element is mechanically connected to said upper clamping portion and said lower clamping portion.

13. The method of claim 10 wherein said communications cable includes an optical fiber.

14. The method of claim 10 wherein said step of providing is performed by providing an electrically conducting communications cable having a first end terminating in an infrared interface and a second end terminating in an electrical plug; and further comprising the step of connecting said electrical plug to an electrical interface of the second device.

15. A method to prevent interference between infrared signals of different devices, the devices including: a processor input device having a first

section and a second section, wherein said first section has a first infrared interface and an external infrared interface and said second section has a second infrared interface; and a processing device having an infrared port, the method for operating comprising the steps of:

- (a) sending first signals between the first infrared interface and the second infrared interface; and
- (b) sending second signals between the external infrared interface and the infrared port; wherein time multiplexing is established between said first signals and said second signals.

16. The method of claim 15 wherein the second infrared interface is configured for transmitting only.

17. The method of claim 15 further comprising the steps of:

- (a) forming said second signals according to a system of data encoding; and
- (b) forming said first signals to be void of data content according to said system of data encoding.

18. The method of claim 15 further comprising the step of forming said first signals so as to appear void of data content to the processing device.

19. The method of claim 15 wherein:

- (a) the processor input device is a digitizer system;

- (b) the first section is a base unit of the digitizer system;
- (c) the second section is a moveable element with a stylus; and
- (d) the digitizer system records the movement of the stylus.

20. The method of claim 19 wherein the stylus is configured to write on a substrate.